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TITLE: Human semaphorin ZSMF-16

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INVENTOR-INFORMATION:

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RELATED-US-APPL-DATA:

Application is a non-provisional-of-provisional application 60/169238, filed December 6, 1999,

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REPRESENTATIVE-FIGURES: NONE

ABSTRACT:

Semaphorin polypeptides, polynucleotides encoding the polypeptides, and related compositions and methods are disclosed. The polypeptide is expressed in breast cancer, and neuronal tissues. The polypeptides, and polynucleotides encoding them, may be used for detecting human chromosomal abnormalities and cancers. The polypeptides may be used within methods for detecting receptors that mediate neurite outgrowth, modulate cellular proliferation and/or differentiation, and immune response. The present invention also includes antibodies to the ZSMF-16 polypeptides and uses therefore.

REFERENCE TO RELATED APPLICATION

[0001] This application is related to U.S. Provisional Application No. 60/169,238, filed on Dec. 6, 1999. Under 35 U.S.C. .sctn. 119(e)(1), this application claims benefit of said Provisional Application.